Table L 3 CLASSIFICATION OF CHARACTERISTICS OF ROCK SHOWN IN LOG SHEET OF CORE BORING

Grade	Criteria
Weathering	
a	The rock is very fresh, and the rock forming minerals and grains are neither weathered nor deteriorated.
b	The rock is solid. Some of cracks and joints are slightly stained, but do not contain veneer of clay or clayey materials. The rock forming minerals and grains are in parts slightly weathered and deteriorated.
С	The rock forming minerals and grains excluding quartz are slightly softened due to weathering. More of cracks and joints, sometimes rock itself, are stained by limonite etc., and some of cracks and joints are filled with veneer of clay or clayey materials.
d 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	The rock forming minerals and grains, excluding quartz, are fairly softened with weathering. By a light blow, it easily breaks off along cracks or joints into pieces of fragments. Some of the joints and cracks contain veneer of clay and clayey materials.
e	Owing to weathering, the rock forming minerals and grains are deteriorated and discolored. The rock is remarkably softened and loosened. In the extreme case, rock is completely decomposed and has altered its feature to that of soil or earthy materials, and sometimes roots of plant penetrate into them and also along crack and joint planes.

Hardness	
I	The rock is very hard, like granite and greywacke, etc. It is fresh and by a strong blow with a hammer, it breaks into sharp edged pieces or fragments with sharp fractures.
. II · · · · · · · · · · · · · · · · · ·	The rock is fairly hard, like high quality concrete. It breaks by a strong blow of a hammer into pieces to fragments with some amount of rock powder.
III	The rock is generally hard, like common concrete to whetstones. By a blow with a hammer it breaks into pieces to fragments with some amount of rock dust and powder.
IV	The rock is generally soft or weak in cementation, like chalk and tuff, etc. and easily breaks by blow with a hammer, some- times snapped off by hands or can be whittled with a knife.
V	The rock is very soft, like lignite, and easily broken with fingers and can be scratched by a fingernail and a copper penny. Sometimes the rock varies to loose material as same as aluvial and glacial soils, owing to the loss of solidity.

Table L 3 Continued (2)

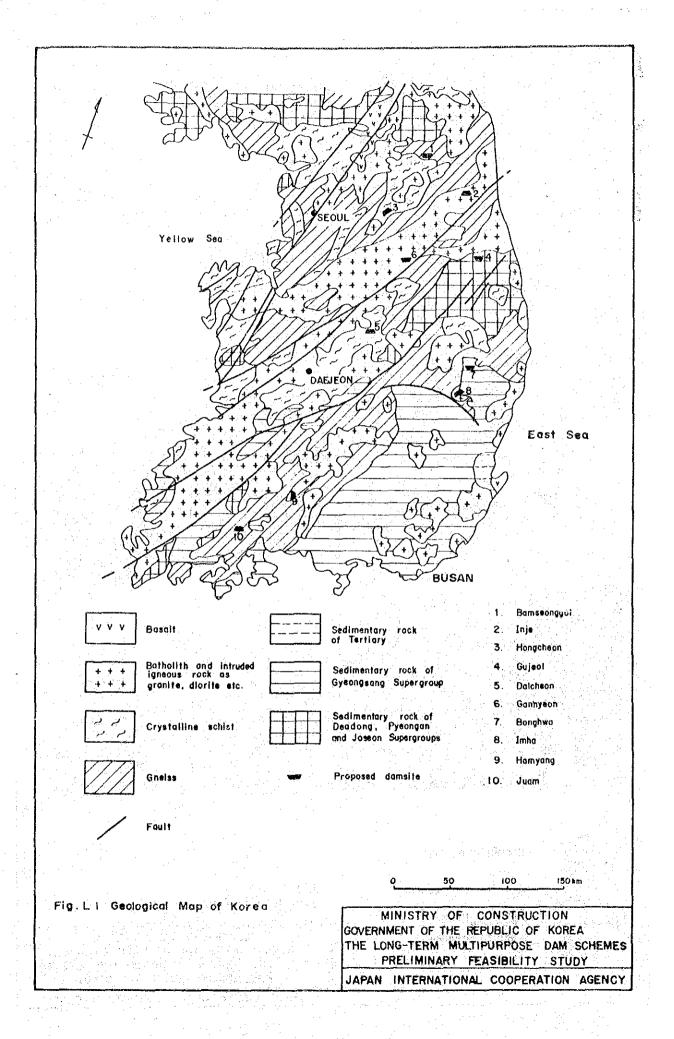
Grade	de Criteria		
Structure			
1	Cracks and joints develops in intervals of more than 30 cm apart.		
2	Cracks and joints develops in intervals of 10 to 30 cm apart.		
3	Cracks and joints develops in intervals of 5 to 10 cm apart.		
4	Cracks and joints develops in intervals less than 5 cm apart.		
5	Cracks and joints are severely occurred, the cores are broker into chips and grains.		

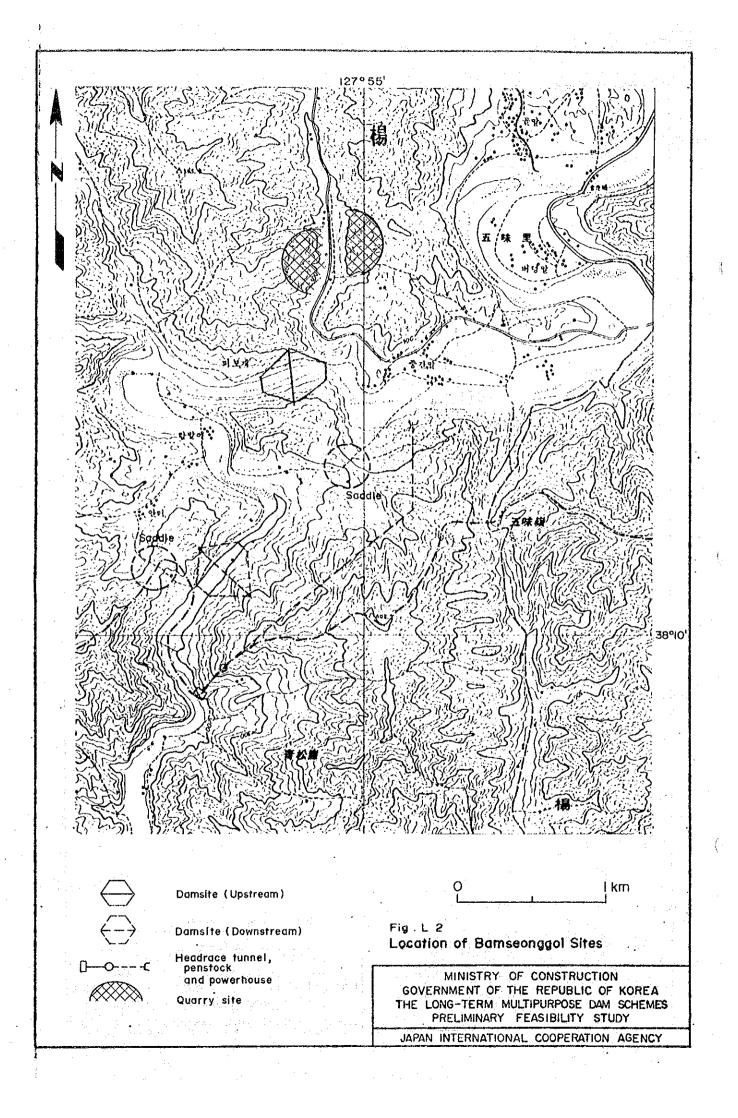
Table L 4 REQUIRED VOLUME OF ROCK MATERIALS FOR ROCKFILL TYPE DAM

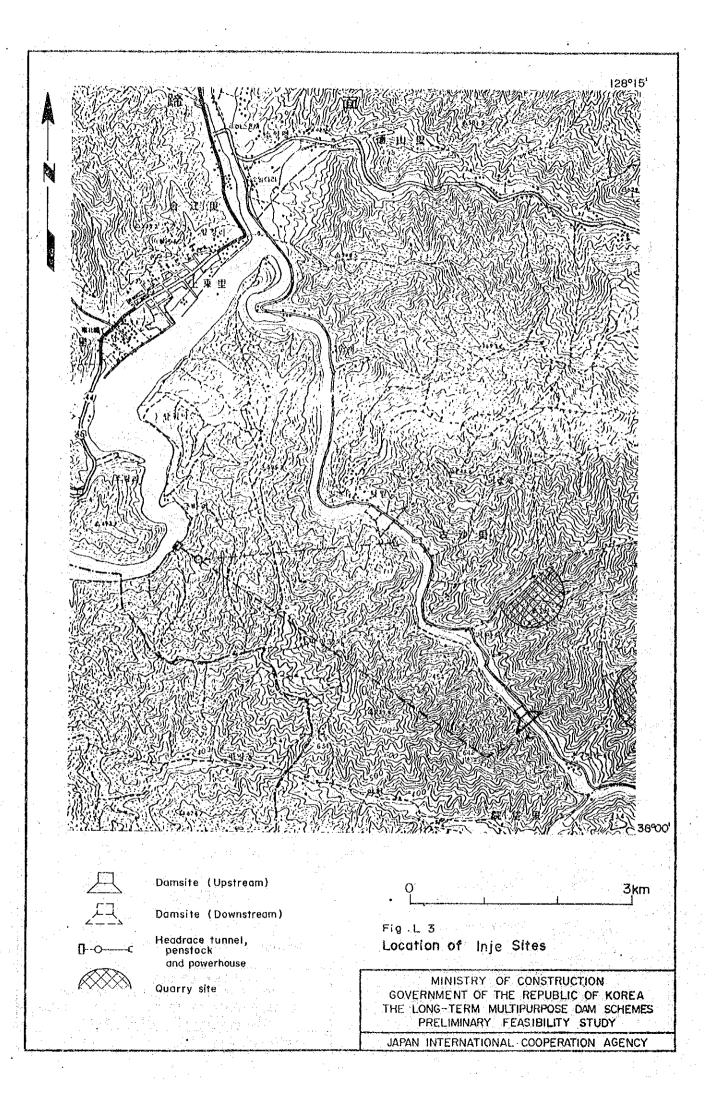
Site	Volume x 10 ³ m ³	Site	Volume x 10^3 m ³
Bamseonggo1	4,544	Ganhyeon	
upstream		Bonghwa	8,000
Bamseonggol	<u>.</u>	upstream	
downstream		Bonghwa	8,000
Inje upstream		downstream	
		Imha	2,800
Inje downstream		Hamyang	3,200
Hongcheon	→	Juam	3,000
Gujeo1	1,107		
Dalcheon			and the second of the second o

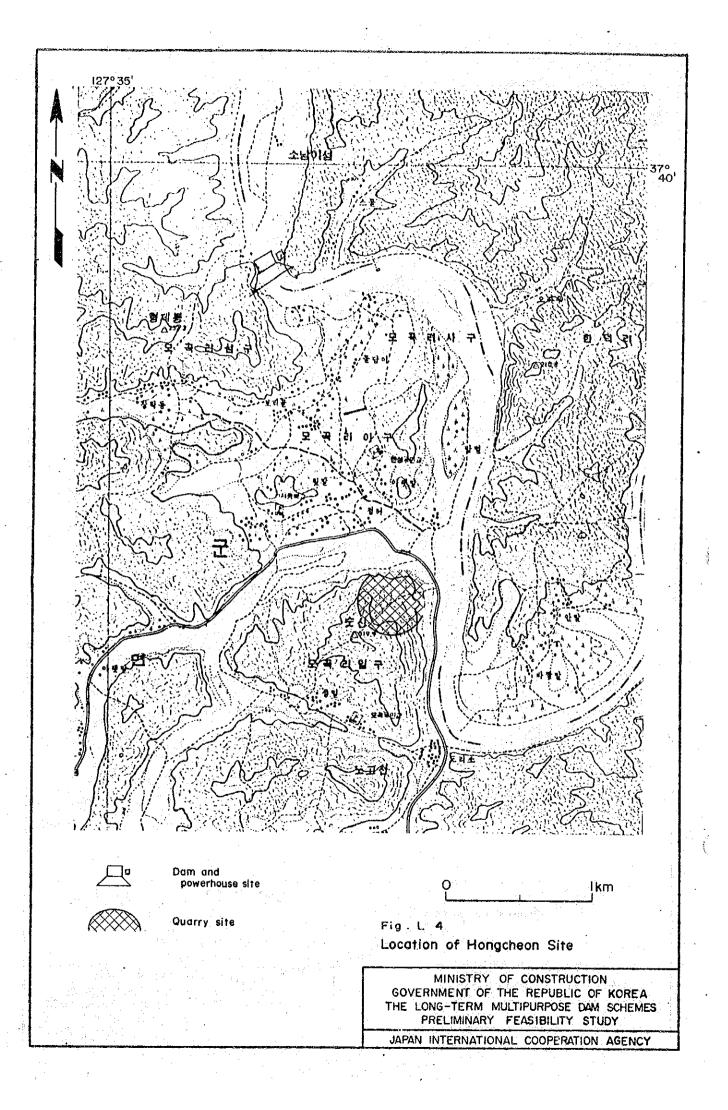
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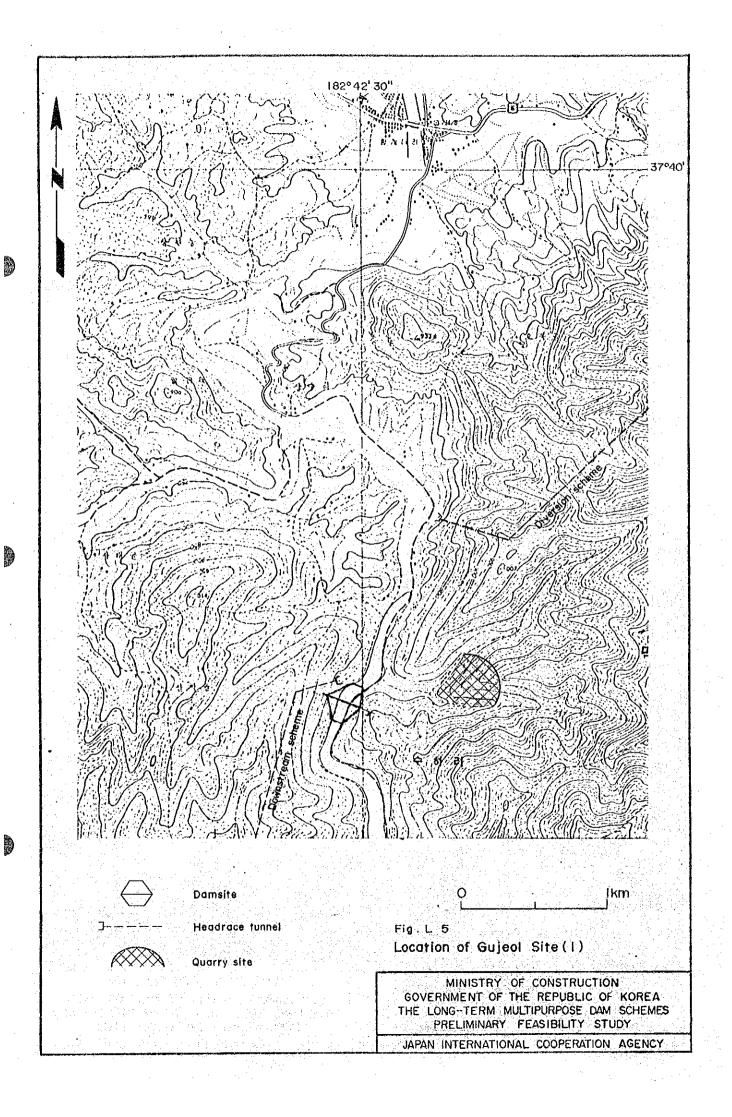
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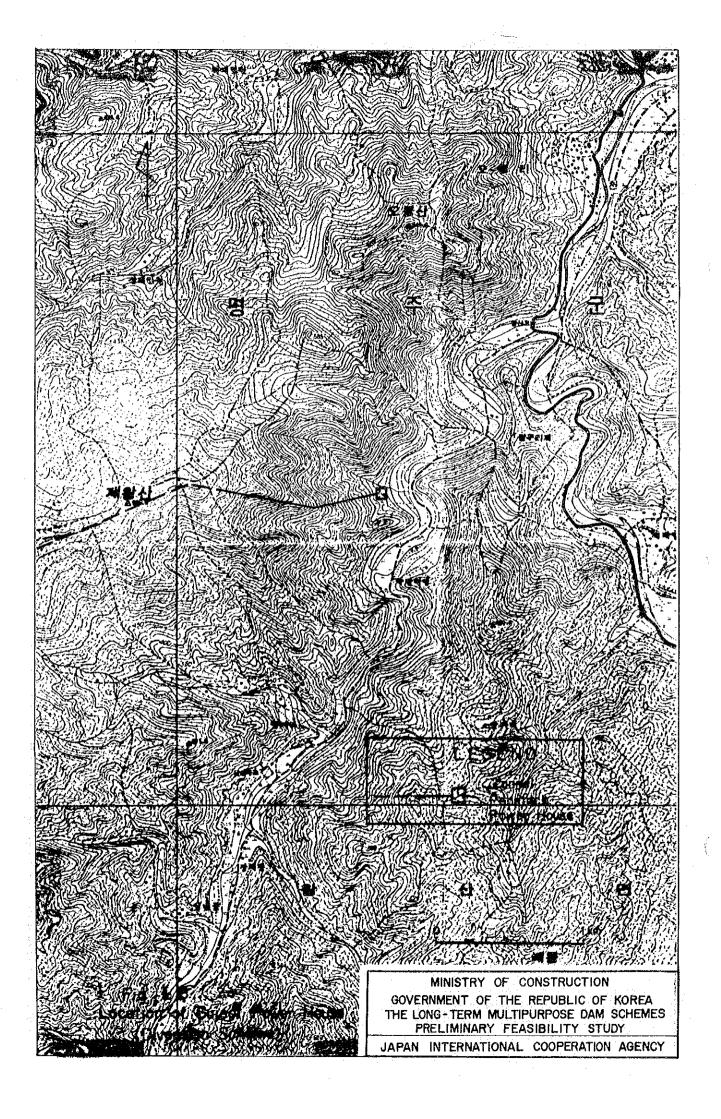


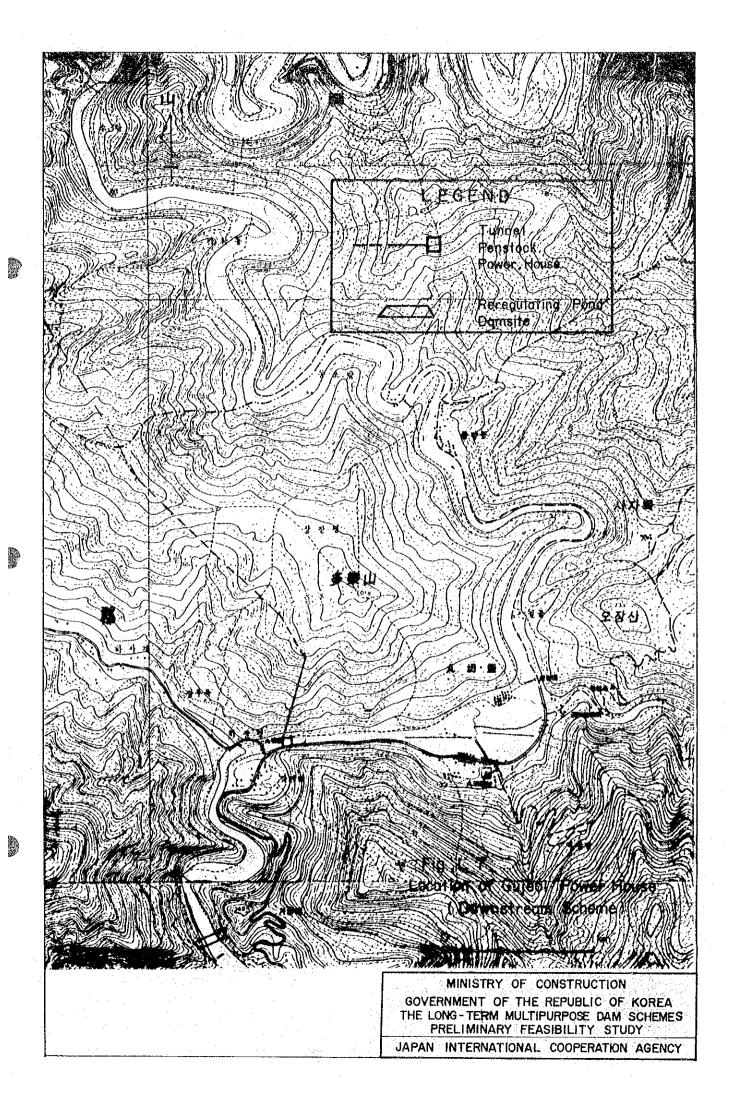


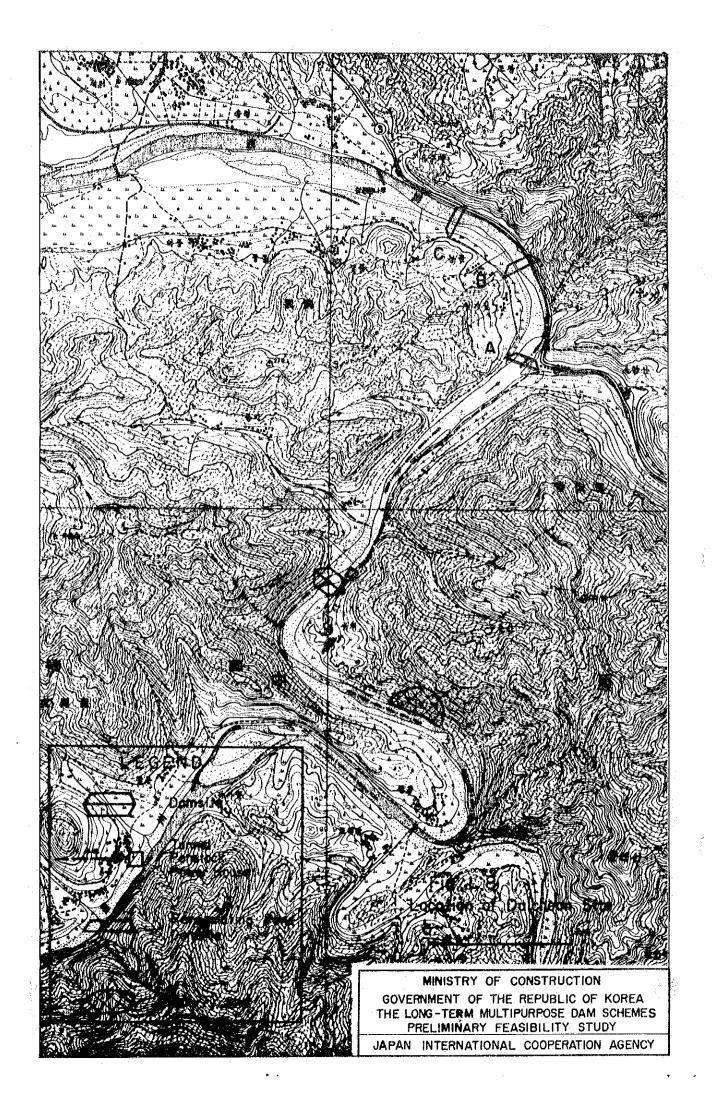


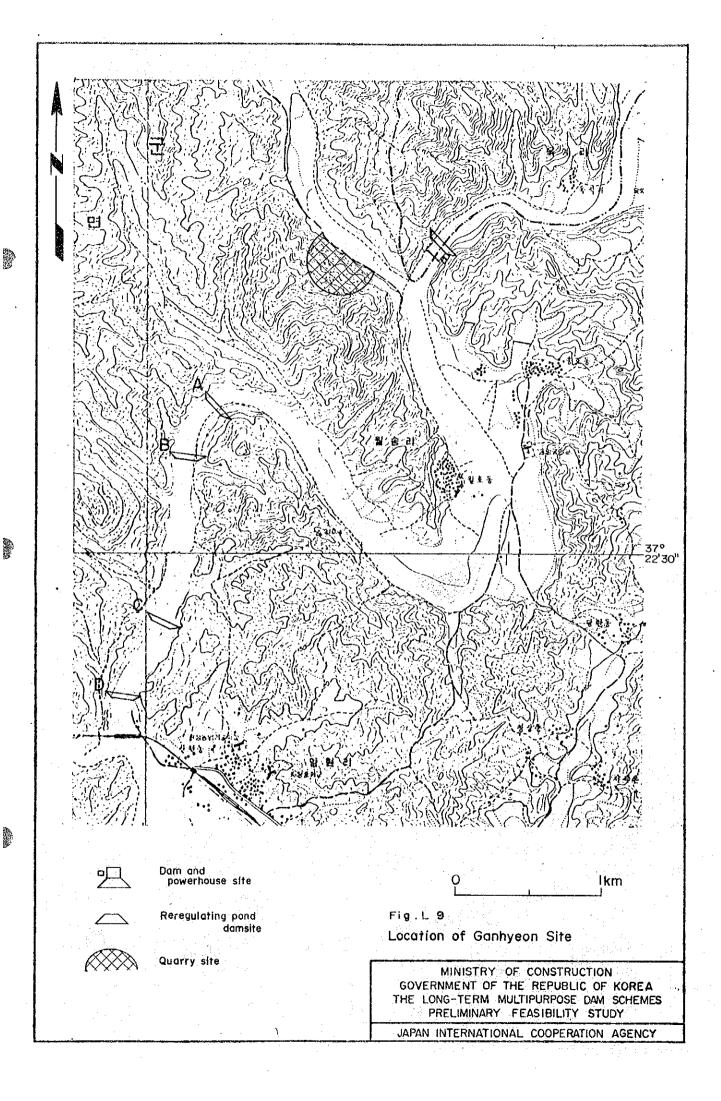


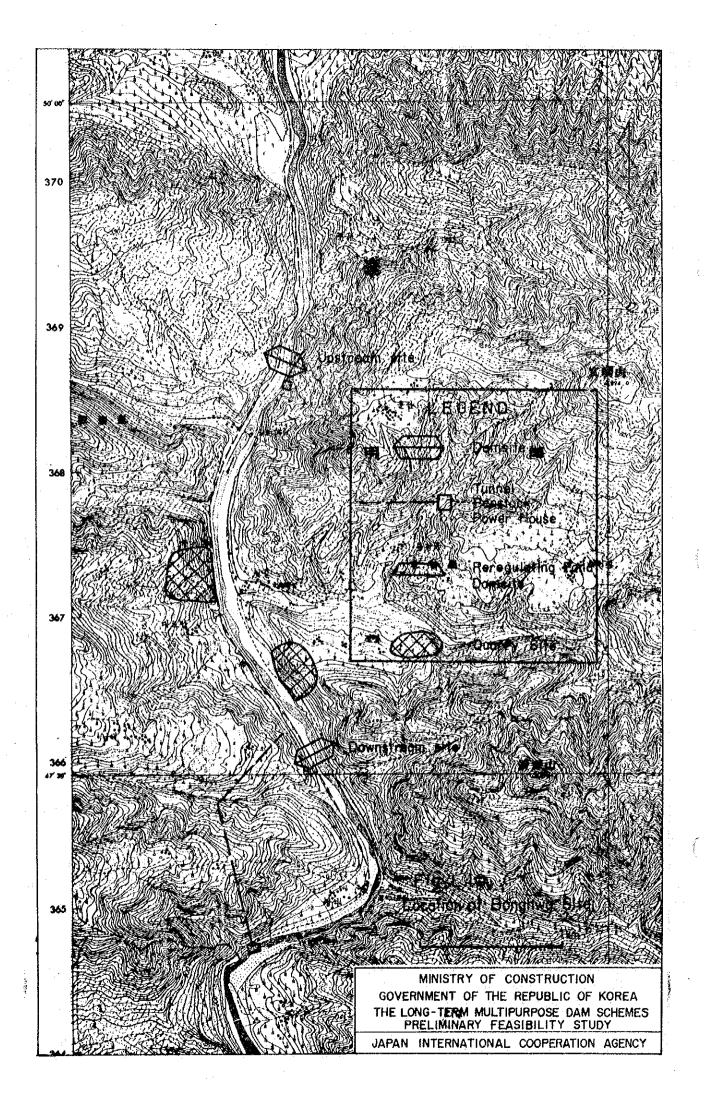


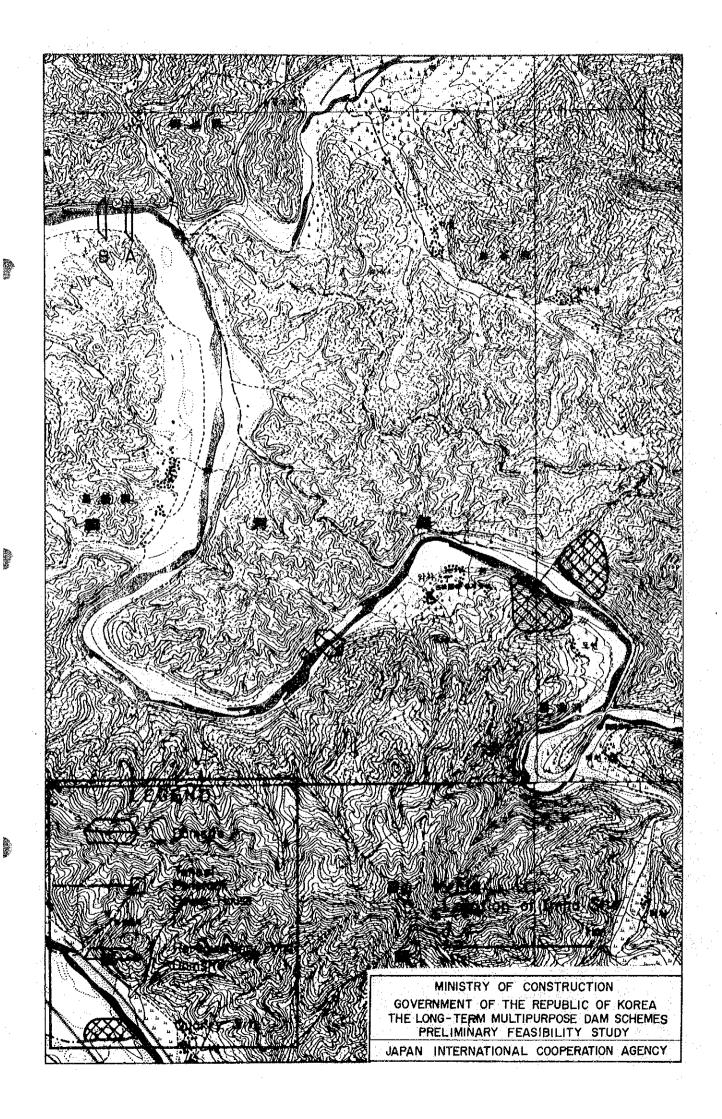


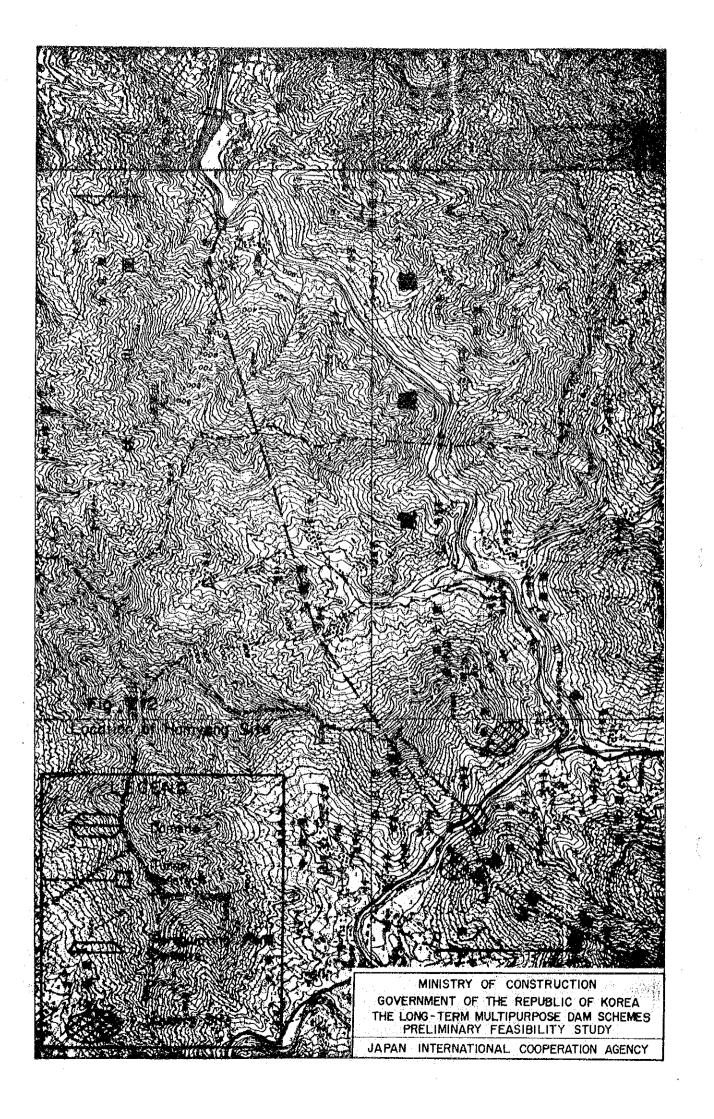


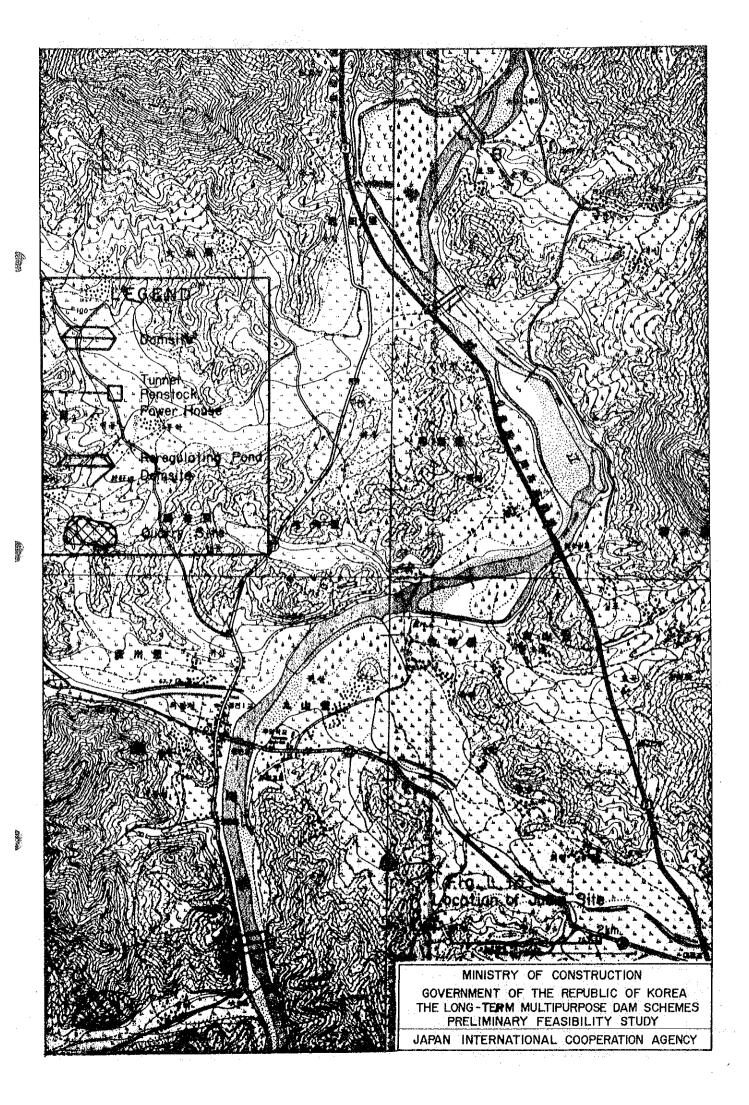


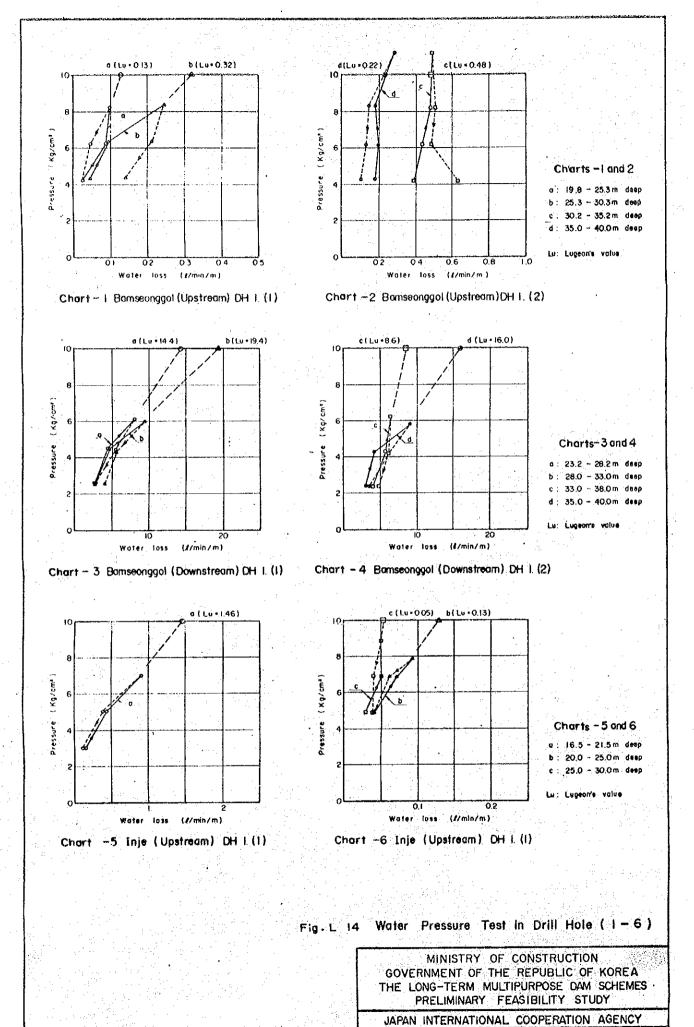


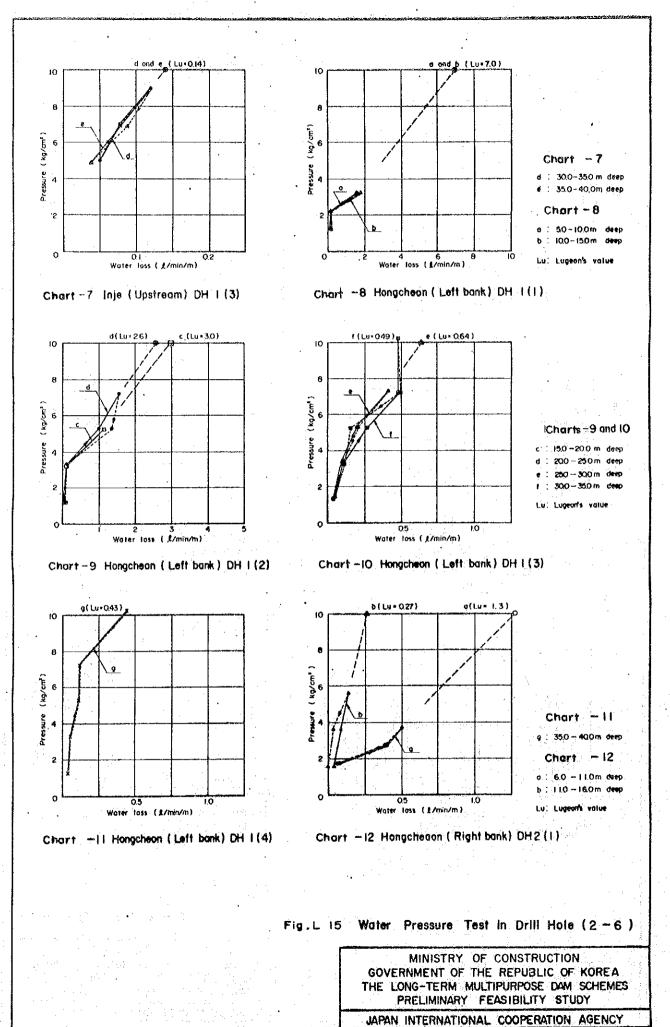












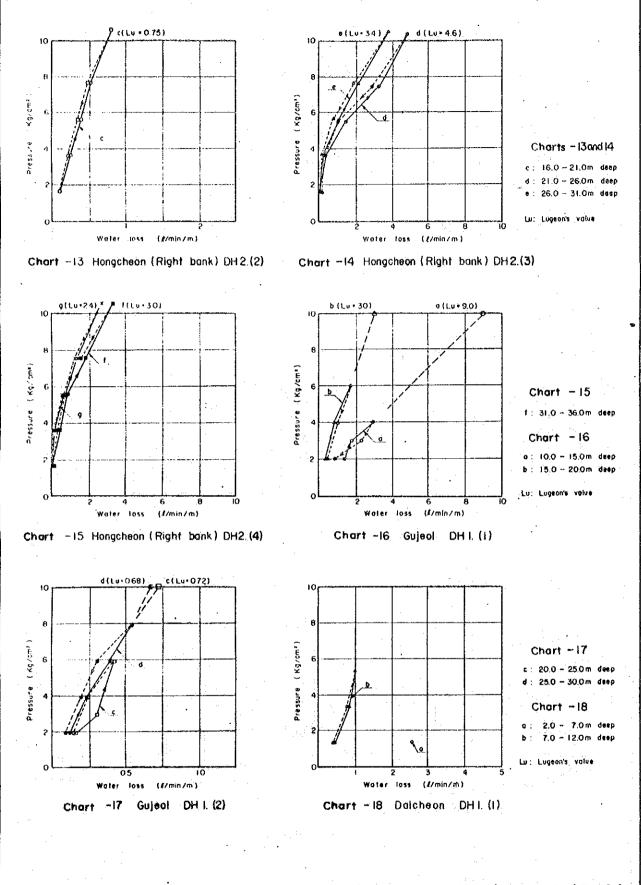
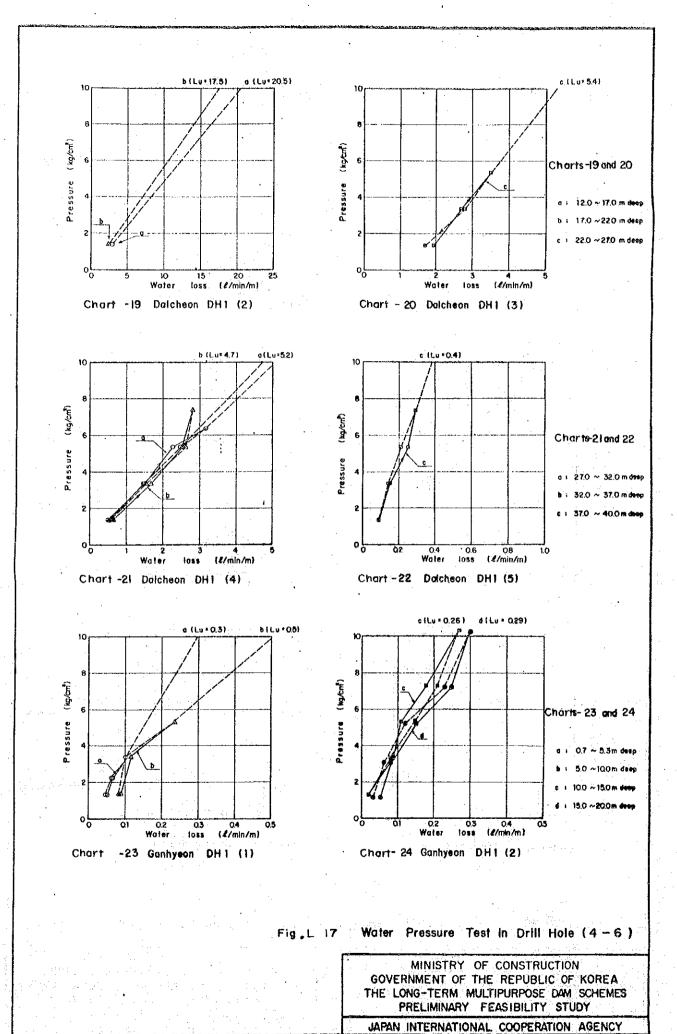
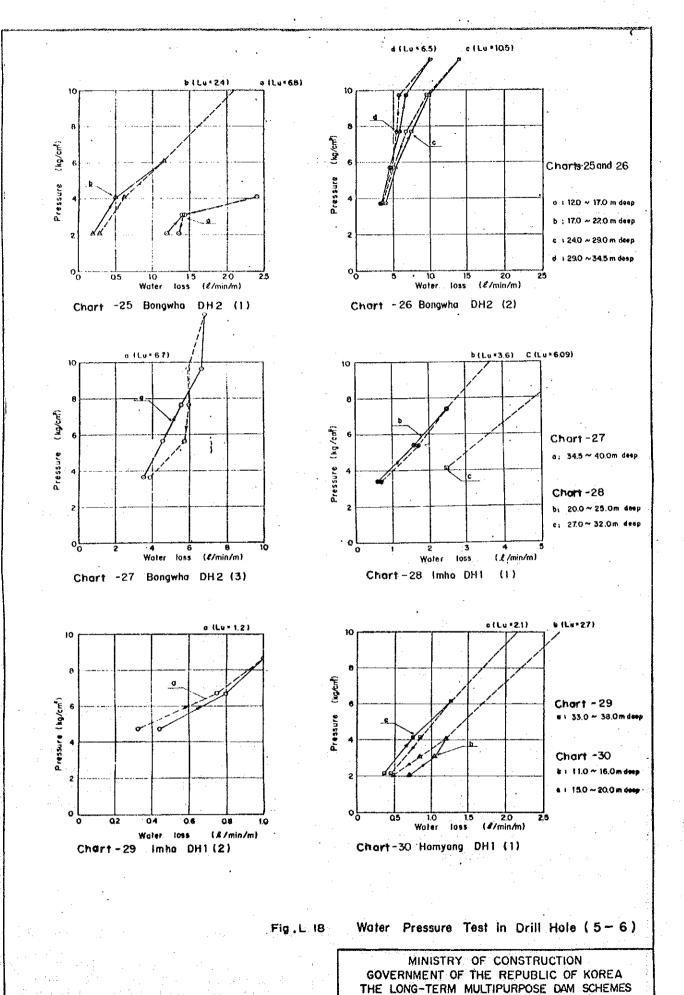


Fig. L 16 Water Pressure Test in Drill Hole (3-6)

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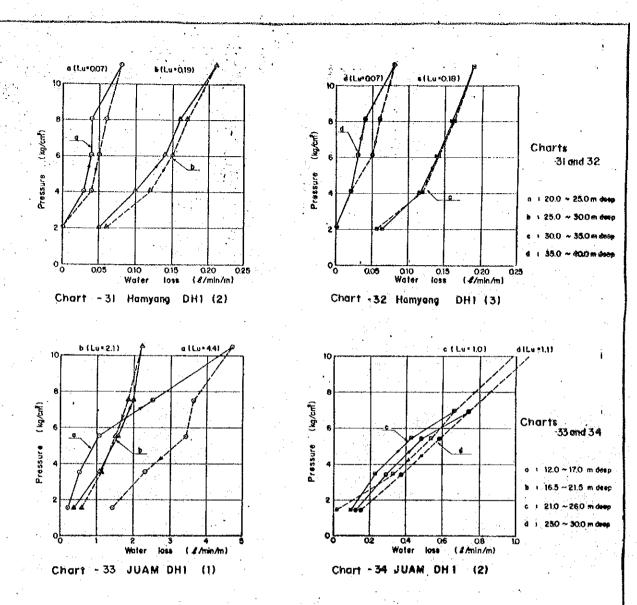


Fig. L 19 Water Pressure Test in Drill Hole (6-6)

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